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TECH CENTER 1600/2300

RAW SEQUENCE LISTING

DATE: 09/24/2003

PATENT APPLICATION: US/09/430,412A

TIME: 14:56:54

Input Set : A:\881014us1.txt

Output Set: N:\CRF4\09242003\I430412A.raw

3 <110> APPLICANT: Albert Paul; and Lemonde, Sylvie
 5 <120> TITLE OF INVENTION: Mutations of the 5' region of the human 5-HT1A gene,
 6 associated proteins of the 5' region and a diagnostic
 7 test for major depression and related mental illnesses
 9 <130> FILE REFERENCE: 881014US1
 11 <140> CURRENT APPLICATION NUMBER: 09/430,412A
 12 <141> CURRENT FILING DATE: 1999-10-29
 14 <150> PRIOR APPLICATION NUMBER: 60/106,375
 15 <151> PRIOR FILING DATE: 1998-10-30
 17 <160> NUMBER OF SEQ ID NOS: 7
 19 <170> SOFTWARE: PatentIn Ver. 2.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 3045
 23 <212> TYPE: DNA
 24 <213> ORGANISM: human
 26 <400> SEQUENCE: 1
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 29 tgggtattctg tatctttaag agttaaacat agaagaattg gctaagtga aatgaatgaa 180
 30 acgcaatatc attctgcata tatcatttat tatatatcac agtattatta gttttaaaag 240
 31 ttaaacataa atatctatta tgycattgga cgaytaggys aacctartcr gtgctgcgaa 300
 32 tacttttcgat acttctgttt ccctcctagt attcataagt gtgcctttga aaacgtttta 360
 33 aattgtaaga aataaaatgt ttgatataatt atgtatatta ttactaagaa aaaacttgaa 420
 34 ttacttttga ttttgaaaaa ctttgataaa ttctacatca tagcatattg aagcaagaat 480
 35 aacaaatgct atacctcagg aatattaatt ccagatttta cagcatttta actttcttga 540
 36 tgagaaaaaa taaatttgtc agttattaaa ctatttggat ccaacagatg aaagcagaat 600
 37 tctaactaac atattttattg atttatttgt gatttacata ttacatgtg ttgtttgaca 660
 38 caattcttaa ttatgttctt gatatgcata tatttgcttc ttaaatttta agtttccttt 720
 39 attttacttt gtttatagtc tcaactataa tticaaagtt taattttaga taattcagcc 780
 40 ttttaaatat tttcccatta taatttttgt gacctctaac tctattttta ctgtaaatat 840
 41 agttctgtat ttgtgaagag acttttagaag tggaaataga taccttcaca aatcttaaaa 900
 42 gacttcttca gagtctgtaa acagcattac catgtatact tatctctttc ttgcatgcc 960
 43 atgatcatca caatgcatgg ctcatgttgt ggcatgctga atgattgagt gggactgtgc 1020
 44 cagctgaact ataaaaaaa aaaacaaaca aaaccttatc caaacacact gtcctgtatt 1080
 45 gtaatgcatt ggcccaactg gattcttttt gatgcttttg tgattgctct tttgtttggg 1140
 46 cttggagaat tcagagctat gaaattcaga gctcagattt gaacacaata ttaagattat 1200
 47 tgcaatctgt agtgaatctg ttcatgttat ccagtgtcaa ctgcttttga gattgcattc 1260
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 50 taaaggaaac agcttagaac aaacccttgt aagtatcttt atttcagtga tttaacattt 1440
 51 ccaaatgtta aatcatttgg aaaatgcaat actattcggt tctccaaca aaggtaaatt 1500
 52 tatgtcagtt ccaaagttca ggttatgaca gcacaaaacc aacacaggtg aaagtgttag 1560
 53 cctagcttta ttaaatggc attcccagtt agaacttgtg aatgacagat acttcaggct 1620

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54 ttcgaaggaa gctaaaacat ataataggcc tgatatataa gggttcagagc aaaagagggc 1680
55 actaaaataa attttttaag aaaataggaa ggagacaaaa ctcaatacta ccttgtcttt 1740
56 taataactgt cttcctcttt ctaaaagttg ttgtatttcc tcaataacttg cttcatttct 1800
57 ggcataaggg tttccagatg gcaactctaaa acatttgcca gaaggtggcg aacataaaac 1860
58 ctcatgtgctt agaactgtcc caggtgtctga acccagtttc tgagattaag agaggctagc 1920
59 cggctagcga accgggattc caccaagttt cccccagagg tttgcaggct ctggttaagaa 1980
60 gtgcaaaaagg ccatgtgaaa tgccaggctt cacttagaac acatatgcaa aatatttcca 2040
61 tccctgaatt tactagccac aaagctatgg gaagtggcag tgctactgaa attacaagtg 2100
62 tagtagtgat ggaaaagtgt gtgtgtgttt agaatatata tcacactgag ttttgttctt 2160
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73 ggagggcggg gaccagagg aaagaggcac tcctcggggg tggggaagta ttaggagggg 2820
74 aggggttagag tgggagggaa ggagcctggc tttcgaagcg actcacagag ggataaataa 2880
75 aggggaagtga ggaggaagag ggagactgaa agggaaggca ggtggggaga agggggacga 2940
76 aagaggcaga agagagagaa gagaggagga gagaggggga gagagggaag gaaggaaata 3000
77 gggagaggag ggtcacagag tgaccgtgga ggatggggct tctcg 3045

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80 <210> SEQ ID NO: 2

81 <211> LENGTH: 24

82 <212> TYPE: DNA

83 <213> ORGANISM: human

85 <220> FEATURE:

W--> 86 <221> NAME/KEY: misc_features

87 <222> LOCATION: (1)...(24)

88 <223> OTHER INFORMATION: n=a, c, g, or t

90 <400> SEQUENCE: 2

W--> 91 aacgaagacn nnnnnngtct tctt

24

94 <210> SEQ ID NO: 3

95 <211> LENGTH: 20

96 <212> TYPE: DNA

97 <213> ORGANISM: Artificial Sequence

99 <220> FEATURE:

100 <223> OTHER INFORMATION: Description of Artificial Sequence: sense primer

102 <400> SEQUENCE: 3

103 gtggcgaaca taaaacctca

20

106 <210> SEQ ID NO: 4

107 <211> LENGTH: 21

108 <212> TYPE: DNA

109 <213> ORGANISM: Artificial Sequence

111 <220> FEATURE:

112 <223> OTHER INFORMATION: Description of Artificial Sequence: antisense

113 primer

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116 ttcttaaatac gtgtcagcat c 21
119 <210> SEQ ID NO: 5
120 <211> LENGTH: 29
121 <212> TYPE: DNA
122 <213> ORGANISM: human
124 <400> SEQUENCE: 5
125 ttaaaaaacga agacacactc ggtcttctt 29
128 <210> SEQ ID NO: 6
129 <211> LENGTH: 29
130 <212> TYPE: DNA
131 <213> ORGANISM: human
133 <400> SEQUENCE: 6
134 ggaagaagac cgagtgtgtc ttcgttttt 29
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 31
139 <212> TYPE: DNA
140 <213> ORGANISM: rat
142 <400> SEQUENCE: 7
143 cggcataagc aagcccttat tgcacagagc t 31
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 10,11,12,13,14,15,16

VERIFICATION SUMMARY

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L:86 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2

L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0